ER-2 #806 01/29/17

Aircraft:
ER-2 #806 (See full schedule)
Flight Number:
17-6015
Payload Configuration:
AVIRIS-C, MASTER, HyTES
Nav Data Collected:
Yes
Total Flight Time:
2.6 hours
Comments:
Comments: From Dean Neeley: ?It was strange having the ?world? (airfield) to ourselves.? The airfield managers agreed to open the airfield just for tonight?s ER-2 flight. The ground controllers got on-station 20 minutes early allowing Dean to start the engines early. Dean thanked Stu for telling him about taking off at night here at K-Bay ? after takeoff, the pilot is in total blackness. Everything appeared to operate fine. The NAV init was normal. Dean hit every point that Jan Nystrom planned almost to the second. Timing worked great. Flew Line 8 then 3 volcano lines. Skipped repeat of line 8. Had a massive headwind on way home. About 30 miles out, descended into weather (rain and wind). Got bounced around the entire way around the pattern. Got a warning on the O2 gauge #1 during the descent. The gauge dropped to ?-2?. Gauge #2 was reading +8. Dean assumed that gauge #1 was really the same as gauge #2 and believed that gauge #1 went bad. Sure enough, this appears to be the case. The crew does not have a spare here at K-Bay, so an O2 gauge had to be shipped from Palmdale. After the flight it was determined that MASTER failed to record data. There were no MASTER fail lights during the flight.
Submitted by:
Kevin Walsh on 01/31/17
Flight Segments:

From:	MCAS Kaneohe Bay, HI	**To:**	MCAS Kaneohe Bay, HI
Start:	01/29/17 06:59 Z	**Finish:**	01/29/17 09:37 Z
Flight Time:	2.6 hours		
Log Number:	172032	**PI:**	Robert Green
Funding Source:	Woody Turner - NASA - SMD - ESD Biological Diversity		
Purpose of Flight:	Science		
Comments:	Purpose: The 5th science mission of the campaign was a night flight to intersect an overflight of the NASA ASTER satellite at 10:36PM HST. In addition, the flight plan included flying Line 8 and the volcano lines.		

Flight Hour Summary:

	162013	172032
Flight Hours Approved in SOFRS	90	
Flight Hours Previously Approved		90
Total Used	0	65.3
Total Remaining		24.7

172032 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
01/17/17 - 01/18/17	17-6010	Transit	6.8	6.8	83.2
01/19/17	17-6011	Science	3.2	10	80
01/26/17	17-6012	Science	2.4	12.4	77.6
01/27/17	17-6013	Science	2.1	14.5	75.5
01/27/17	17-6014	Science	3.9	18.4	71.6
01/29/17	17-6015	Science	2.6	21	69
02/02/17	17-6016	Science	3.5	24.5	65.5
02/03/17 - 02/04/17	17-6017	Science	4.8	29.3	60.7
02/07/17 - 02/08/17	17-6018	Science	2.1	31.4	58.6
02/08/17	17-6019	Science	3.2	34.6	55.4
02/09/17	17-6020	Science	3.6	38.2	51.8
02/10/17	17-6021	Science	2.8	41	49

02/12/17	17-6022	Science	0.6	41.6	48.4
02/21/17 - 02/22/17	17-6023	Science	5	46.6	43.4
02/22/17	17-6024	Science	2.7	49.3	40.7
02/23/17	17-6025	Science	3	52.3	37.7
02/24/17	17-6026	Science	5.4	57.7	32.3
03/03/17 - 03/04/17	17-6027	Transit	7.6	65.3	24.7

Source URL: https://airbornescience.nasa.gov/flight_reports/ER-2_806_01_29_17?destination=node/46417

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.